



PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
2125 A

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

690

Application Number	10/003,951
Filing Date	10/30/2001
First Named Inventor	Frederic Reblewski
Art Unit	2125
Examiner Name	Paladini, Albert William

Attorney Docket Number

003921.00069

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	- Forms - PTO/SB/08a & 08b
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	- 1 Specification (incl. claims & drawings)
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Remarks	- 9 References
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		- 2 Office Actions
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		- 2 Responsive Amendments

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Christopher L. McKee, Reg. No. 32,384
Signature	
Date	7/13/05

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	
Signature	
Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL for FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

<i>Complete if Known</i>	
Application Number	10/003,951
Filing Date	10/30/2001
First Named Inventor	Frederic Reblewski
Examiner Name	Paladini, Albert William
Art Unit	2125
Attorney Docket No.	003921.00069

METHOD OF PAYMENT (check all that apply)

- Check Credit Card Money Order None Other (please identify) : _____
 Deposit Account Deposit Account Number: 19-0733 Deposit Account Name: Banner & Witcoff, LTD.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments

Under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fees Paid (\$)
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 30 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity	
				Fee (\$)	Fee (\$)
_____ -20 or HP=	_____ x _____	= _____	_____	50	25
HP = highest number of total claims paid for, if greater than 20.				200	100
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	360	180

-20 or HP= _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
				Fee (\$)	Fee Paid (\$)
_____ - 3 or HP=	_____ x _____	= _____	_____	_____	_____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____			= _____	_____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge) : Information Disclosure Statement

Fees Paid (\$)

\$180

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	32,384	Telephone	(202) 824-3000
Name (Print/Type)	Christopher L. McKee			Date	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Frederic REBLEWSKI) Group Art Unit: 2125
Serial No.: 10/003,951) Examiner: Albert William Paladini
Filed: October 30, 2001) Attorney Docket No.: 003921.00069
For: EMULATION COMPONENTS AND SYSTEM)
INCLUDING DISTRIBUTED ROUTING AND)
CONFIGURATION OF EMULATION RESOURCES)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The Honorable Commissioner for Patents
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the U.S. Patent and Trademark Office is hereby directed to the references listed in the attached Form PTO/SB/08A. Pursuant to the Office's October 12, 2004 OG Notice, it is understood that 37 C.F.R. §1.98 no longer requires submission of a copy of each cited U.S. patent and published patent application, unless such copies are specifically required by the Office. Accordingly, copies of these are omitted. A copy of the other listed references is enclosed.

The attention of the U.S. Patent and Trademark Office is further directed to the fact that two related applications filed on the same day are concurrently undergoing examination. Pursuant to 37 C.F.R. §1.56, applicant provides the following identifications of the related applications, and attached hereto a copy of the indicated papers from the related examinations:

07/14/2005 HALI11 00000094 190733 10003951

01 FC:1806 180.00 DA

of Allowance. Pursuant to 37 CFR §1.97(c)(2), this Statement is accompanied by the \$180.00 fee specified in 37 C.F.R. §1.17(p). If there is any discrepancy in the fee, the Commissioner is authorized to charge our Deposit Account No. 19-0733.



Respectfully submitted,

Christopher L. McKee
Registration No. 32,384

BANNER & WITCOFF, LTD.
1001 G Street, N.W., 11th Floor
Washington, D.C. 20001-4597
(202) 824-3000

Date: July 13, 2005

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Serial No. 10/003,184 (PGP No. 2004/0034841 A1)

(Attorney Docket No. 003921.00070)

Entitled: Emulation Components And System Including Distributed Event
Monitoring And Testing Of An IC Design Under Emulation

Filed October 30, 2001

Examiner: Kandasamy Thangavelu

Papers Attached:

Office Action mailed March 10, 2005

Responsive Amendment filed June 10, 2005

Serial No. 10/001,070 (not yet published)

(Attorney Docket No. 003921.00071)

Entitled: Emulation Components and System Including Distributed Trace
Data Collection and Pre-Processing

Filed October 30, 2001

Examiner: Russell L. Guill

Papers Attached:

Specification, including original claims, and drawings

Office Action mailed March 18, 2005

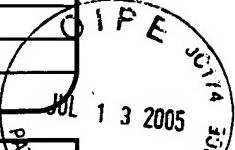
Responsive Amendment filed June 16, 2005

Applicant submits this information so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be formally considered during the prosecution of this application, and that the listed references appear among the "References Cited" on any patent to issue herefrom.

The present Supplemental Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, but before a Final Office Action or Notice

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		<i>Application Number</i>	10/003,951
		<i>Filing Date</i>	10/30/2001
		<i>First Named Inventor</i>	Frederic Reblewski
		<i>Art Unit</i>	2125
		<i>Examiner Name</i>	Paladini, Albert William
<i>(Use as many sheets as necessary)</i>		<i>Attorney Docket Number</i>	
Sheet	1	of	2



U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

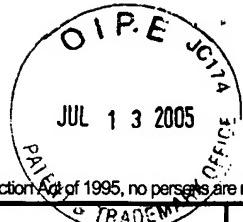
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		EP 0,651,343 A1	05-03-1995	Quickturn Systems Inc.		

Examiner Signature		Date Considered	
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***EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.4. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.**

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JUL 13 2005

PTO/SB/08b(08-03)

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of

2

Complete if Known	
Application Number	10/003,951
Filing Date	10/30/2001
First Named Inventor	Frederic Reblewski
Art Unit	2125
Examiner Name	Paladini, Albert William
Attorney Docket Number	003921.00069

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. ¹	
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Erhard et al., W. First Steps Towards a Reconfigurable Asynchronous System, IEEE International Workshop on Rapid System Prototyping, 1999, pgs. 28-31
		Kocan et al., F. Concurrent D-Algorithm on Reconfigurable Hardware, IEEE/ACM International Conference on Computer-Aided Design, 1999, Digest of Technical Papers, pgs. 152-155
		Clos, Charles, "A study of Non-Blocking Switching Networks," The Bell System Technical Journal, March 1953, pgs. 406-424
		Bosi et al., B. Reconfigurable Pipelined 2-D Convolvers for Fast Digital Signal Processing, IEEE Transactions on Very Large Scale Integration (VLSI) Systems, vol. 7, Issue 3, Sept. 1999, pgs. 299-308
		Ejnioui et al., A. Design Partitioning on Single-Chip Emulation Systems, 13 th International Conference on VLSI Design, 2000, pgs. 234-239
		Jean, J.S.N., et al., "Dynamic Reconfiguration to Support Concurrent Applications," IEEE Transactions on Computers, June 1999, IEEE, USA, vol. 48, No. 6, pgs. 591-602
		Snider, G., "The Teramac Compiler," Nov. 29, 1993, pgs. 1-51
		Babb, J. et al., "Logic Emulation with Virtual Wires," IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, June 1997, pgs. 1-20

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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